

Table 2. Number, incidence rate ¹, median days away from work ² and relative standard errors ³ of occupational injuries and illnesses involving days away from work ⁴ to selected parts of body with musculoskeletal disorders ⁵ in selected ownerships for Michigan, 2004

Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
Private industry	All Parts	11,940	40.6	9	4.2
Local government	All Parts	2,530	80.0	15	13.7
State government	All Parts	450	32.6	6	11.0
Private industry	1 Neck- Including Throat	240	0.8	2	16.5
Private industry	10 Neck- except internal location of diseases or disorders	240	0.8	2	16.5
Private industry	2 Trunk	8,220	28.0	7	4.5
Private industry	20 Trunk- unspecified	70	0.2	1	29.8
Private industry	21 Shoulder- including clavicle- scapula	1,470	5.0	11	7.4
Private industry	22 Chest- including ribs- internal organs	150	0.5	4	20.9
Private industry	220 Chest- except internal location of diseases or disorders	150	0.5	4	20.9
Private industry	23 Back- including spine- spinal cord	5,180	17.6	5	5.0
Private industry	230 Back- including spine- spinal cord- unspecified	2,190	7.5	5	6.4
Private industry	231 Lumbar region	2,530	8.6	6	6.1
Private industry	232 Thoracic region	340	1.2	5	14.1
Private industry	238 Multiple back regions	40	0.1	4	38.8
Private industry	239 Back- including spine- spinal cord- n.e.c.	50	0.2	7	34.8
Private industry	24 Abdomen	990	3.4	25	8.7
Private industry	240 Abdomen- except internal location of diseases or disorders	150	0.5	24	20.8
Private industry	241 Internal abdominal location- unspecified	470	1.6	23	12.1
Private industry	245 Intestines- peritoneum	340	1.1	30	14.1
Private industry	2450 Intestines- peritoneum- unspecified	330	1.1	30	14.2
Private industry	25 Pelvic region	320	1.1	10	14.4
Private industry	254 Groin	290	1.0	10	15.2
Private industry	28 Multiple trunk locations	50	0.2	2	34.1
Private industry	3 Upper extremities	2,260	7.7	20	6.4
Private industry	31 Arm(s)	980	3.3	13	8.8
Private industry	310 Arm(s)- unspecified	220	0.7	9	17.4
Private industry	311 Upper arm(s)	180	0.6	67	19.1
Private industry	312 Elbow(s)	380	1.3	1	13.3
Private industry	318 Multiple arm(s) locations	180	0.6	79	19.0
Private industry	32 Wrist(s)	960	3.3	23	8.8
Private industry	33 Hand(s)- except finger(s)	50	0.2	22	34.5
Private industry	34 Finger(s)- fingernail(s)	210	0.7	12	17.6

See footnotes at end of table

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Ownership	Part of body affected	Total Cases	Incidence Rate	Median Days	Relative Standard Error
Private industry	38 Multiple upper extremities locations	60	0.2	46	32.3
Private industry	382 Hand(s) and wrist(s)	40	0.1	41	39.1
Private industry	4 Lower extremities	500	1.7	21	11.7
Private industry	41 Leg(s)	410	1.4	24	12.9
Private industry	411 Thigh(s)	40	0.1	1	39.1
Private industry	412 Knee(s)	340	1.2	35	14.1
Private industry	42 Ankle(s)	70	0.3	21	29.2
Private industry	43 Foot(feet)- except toe(s)	20	0.1	133	58.7
Private industry	430 Foot(feet)- except toe(s)- unspecified	20	0.1	133	58.7
Private industry	8 Multiple Body Parts	660	2.2	18	10.4
Private industry	9999 Nonclassifiable	60	0.2	14	33.4
Local government	1 Neck- Including Throat	50	1.6	2	38.0
Local government	10 Neck- except internal location of diseases or disorders	50	1.6	2	38.0
Local government	2 Trunk	1,720	54.3	10	14.1
Local government	21 Shoulder- including clavicle- scapula	220	6.8	16	21.6
Local government	23 Back- including spine- spinal cord	1,200	37.9	6	14.7
Local government	230 Back- including spine- spinal cord- unspecified	590	18.8	9	16.4
Local government	231 Lumbar region	450	14.3	6	17.5
Local government	232 Thoracic region	50	1.6	3	38.3
Local government	238 Multiple back regions	100	3.2	10	28.3
Local government	24 Abdomen	190	6.0	39	22.5
Local government	245 Intestines- peritoneum	190	5.9	39	22.6
Local government	2450 Intestines- peritoneum- unspecified	190	5.9	39	22.6
Local government	3 Upper extremities	510	16.1	26	17.0
Local government	310 Arm(s)- unspecified	20	0.6	46	59.2
Local government	32 Wrist(s)	430	13.6	26	17.7
Local government	4 Lower extremities	180	5.6	40	23.1
Local government	41 Leg(s)	170	5.4	40	23.4
Local government	412 Knee(s)	160	5.0	40	23.9
Local government	8 Multiple Body Parts	60	1.9	20	35.1
State government	1 Neck- Including Throat	40	2.8	70	28.1
State government	10 Neck- except internal location of diseases or disorders	40	2.8	70	28.1

See footnotes at end of table

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State government	2 Trunk	260	18.7	4	13.0
State government	21 Shoulder- including clavicle- scapula	20	1.4	3	39.7
State government	23 Back- including spine- spinal cord	210	15.4	3	13.9
State government	230 Back- including spine- spinal cord- unspecified	160	11.4	3	15.5
State government	231 Lumbar region	50	3.5	3	25.5
State government	24 Abdomen	20	1.1	32	43.2
State government	3 Upper extremities	100	7.0	48	18.8
State government	31 Arm(s)	30	2.2	12	31.4
State government	310 Arm(s)- unspecified	20	1.4	6	39.5
State government	32 Wrist(s)	60	4.2	62	23.4
State government	4 Lower extremities	50	3.3	3	26.2
State government	41 Leg(s)	40	2.8	3	28.4
State government	412 Knee(s)	30	2.5	3	29.6

¹ Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as:
 $(N / EH) \times 20,000,000$ where,

N = number of injuries and illnesses,
 EH = total hours worked by all employees during the calendar year,
 20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

² Median days away from work is the measure used to summarize the varying lengths of absences from work among the cases with days away from work. Half the cases involved more days and half involved less days than a specified median. Median days away from work are represented in actual values.

³ Relative standard errors are a measure of the sampling error of an estimate. Sampling errors occur because observations are made on a sample, not on the entire population. Estimates based on the different possible samples of the same size and sample design could differ. Relative standard errors less than 0.05 are not shown.

⁴ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁵ Includes cases where the nature of injury is: sprains, strains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which

could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, May 25, 2006